AMENDMENT:

This listing of claims will replace all prior versions, and listings, of claims in the application. Where claims have been amended and/or canceled, such amendments and/or cancellations are done without prejudice and/or waiver and/or disclaimer to the claimed and/or disclosed subject matter, and the assignee reserves the right to claim this subject matter and/or other disclosed subject matter in a continuing application.

Claim Listing:

1. (currently amended) A method used in a scanner~~an image capture apparatus~~, said method comprising:

providing a changeable calibration chart not built in said scanner~~image capture apparatus~~;

capturing a plurality of information of said calibration chart at least in part by scanning said calibration chart with said scanner~~image capture apparatus~~; and

subjecting ~~said~~ the information of said calibration chart to a correction means to normalize a signal value corresponding to aberrant information at least in part to correct an aberrance corresponding to said scanned calibration chart~~of said information~~.

2. (currently amended) The method according to claim 1 further comprising:

assigning a plurality of corresponding calibration values to said information with a host computer; and

storing said corresponding calibration values for utilization of said scanner~~image capture apparatus~~.

3. (currently amended) The method according to claim 1, wherein said scanner ~~image capture apparatus~~ comprises a plurality of sensor elements aligned in a direction.

4. (previously presented) The method according to claim 3, wherein said calibration chart comprises a portion of a plurality of pixels aligned in said direction and another portion of said pixels aligned orthogonal to said direction.

5. (previously presented)The method according to claim 4, wherein all said pixels have a homogenous hue.

6. (previously presented) The method according to claim 4, wherein all said pixels have different hues, are outputted combined with an object article.

7. (previously presented) The method according to claim 1, wherein said correction means comprises a low-pass filter.

8. (previously presented) A calibration method of improving an output performance of an article captured by a scanner, said method comprising:

providing a changeable calibration chart wherein said changeable calibration chart comprises a portion of a plurality of pixels aligned in a direction and another portion of said pixels aligned orthogonal to said direction;

scanning said calibration chart for capturing a plurality of information of all said pixels; and

subjecting said information of all said pixels to a correction means at least in part to normalize a signal value corresponding to aberrant information at least in part to correct aberration of a portion of said pixels.

9. (currently amended) The method according to claim 8, wherein said ~~said~~ plurality of pixels are not built in said scanner.

10. (previously presented) The method according to claim 8, wherein all said plurality of pixels have a homogenous hue.

11. (previously presented) The method according to claim 8, wherein all said pixels have different hues, whereby are outputted combined with said article.

12. (previously presented) The method according to claim 8, wherein said correction means comprises a low-pass filter.

13. (previously presented) The method according to claim 8, wherein said scanning comprises scanning said calibration chart with a linear sensor array of said scanner wherein said linear sensor array comprises a plurality of sensor elements aligned in said direction.

14. (previously presented) A method of capturing calibration information used in a scanner, said method comprising:

providing a changeable calibration chart comprising a plurality of pixels arranged in a two-dimensional array;

scanning all said pixels with a linear sensor array in said scanner, said linear sensor array comprising sensor elements aligned in a direction and moving orthogonal to said direction for building said calibration information of said calibration chart; and

subjecting said calibration information to a correction means at least in part to normalize a signal value corresponding to aberrant information.

15. (previously presented) The method according to claim 14, wherein said correction means comprises a low-pass filter at least in part to correct aberration of a portion of said pixels.

16. (previously presented) The method according to claim 14 further comprising assigning a plurality of calibration values to said calibration information with a computer connected with said scanner.

17. (previously presented) The method according to claim 14, wherein all said pixels have a homogenous hue.

18. (previously presented) The method according to claim 14, wherein all said pixels have different hues, whereby are outputted combined with a scanned article.